

Whiskey Creek Fuel Break Summary

I. Summary Table

	Off fuel break	On fuel break	Total
% Nonnative Plant Cover (across all plots)	5.8%	10.5%	7.4%
% Nonnative Plant Cover (in plots where they occur)	17.6%	22.5%	19.8%
Number Species	45	44	56
Number Native	30	36	44*
Number Nonnative	6	8	8*
Highest Cover (Native)	<i>Arctostaphylos viscida</i>	<i>Arctostaphylos viscida</i>	<i>Arctostaphylos viscida</i>
Highest Cover (Nonnative)	<i>Aira carophyllea</i>	<i>Hypochaeris glabra</i>	<i>Bromus sterilis</i>

* Four unknown species are not included in Number Native and Number Nonnative rows.

Shasta Divide Fuel Break Summary

I. Summary Table

	Off fuel break	On fuel break	Total
% Nonnative Plant Cover (across all plots)	1.1%	34.9%	12.4%
% Nonnative Plant Cover (in plots where it occurred)	14.8%	38.7%	35.3%
Number Species	33	46	55
Number Native	30	36	44*
Number Nonnative	2	10	10*
Highest Cover (Native)	<i>Quercus chrysolepis</i>	<i>Quercus kelloggii</i>	<i>Quercus chrysolepis</i>
Highest Cover (Nonnative)	<i>Vulpia myuros</i>	<i>Vulpia myuros</i>	<i>Vulpia myuros</i>

* one unknown species is not included in Number Native and Number Nonnative rows.

III. Tower Fire Line Summary

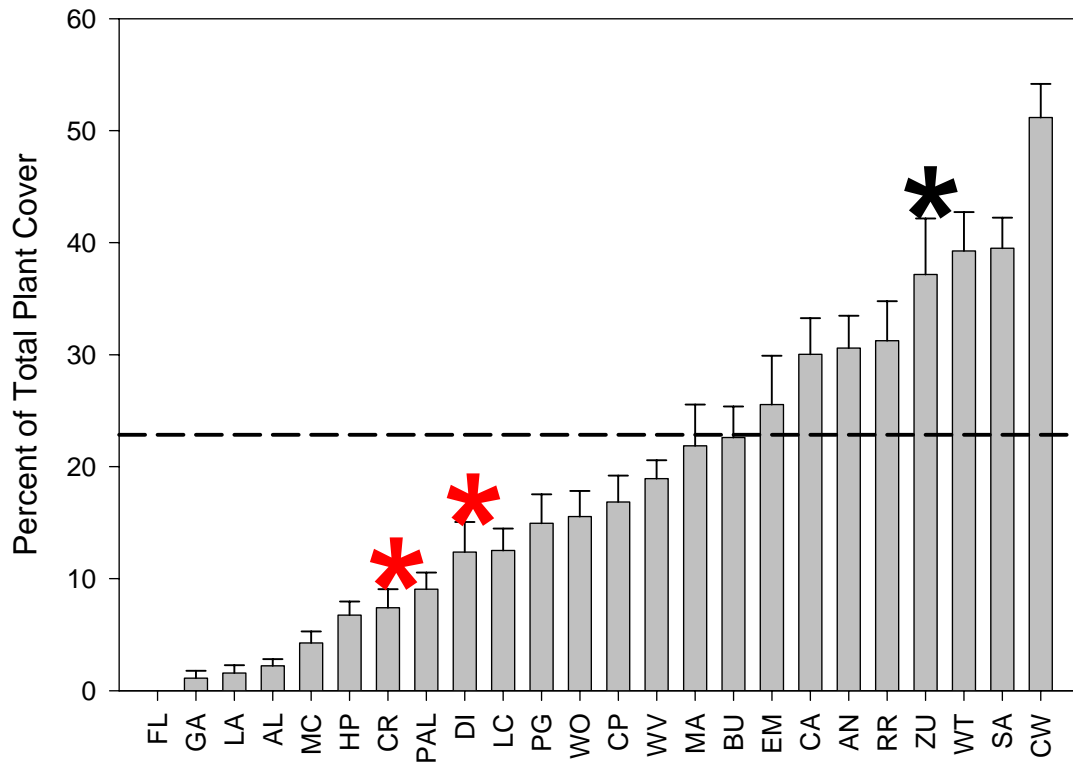
	Off fuel break	On fuel break	Total
% Nonnative Plant Cover (across all plots)	27%	55%	39%
% Nonnative Plant Cover (in plots where it occurred)	36%	55%	46%
Number Species	31	45	51
Number Native*	24	16	29
Number Nonnative*	14	18	19
Highest Cover (Native)	<i>Adenostema fasciculatum</i>	<i>Adenostema fasciculatum</i>	<i>Adenostema fasciculatum</i>
Highest Cover (Nonnative)	<i>Vulpia myuros</i>	<i>Vulpia myuros</i>	<i>Vulpia myuros</i>

* three species could not be identified as native or nonnative

IV. Selected Figures

A. Whiskey Creek and Shasta Divide (*) had much lower relative cover of nonnative plant species than most other sites in our study, including the fireline constructed for the Tower Fire (*).

**Site Variation in Nonnative Plant Cover
(across all plots)**



B. Relative nonnative cover was higher on the fuel break than in the adjacent wildland at all three sites in the Whiskeytown National Recreation Area. However, the effect was much greater at the Shasta Divide fuel break than either of the other two sites (ANOVA, $p < 0.001$).

Relative Nonnative Cover

